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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
J. C. Cheng et al)
Confirmation No. 2046)
Serial No. 09/619,560) Examiner: W.D. Griffin
Filed: July 19, 2000) Group Art Unit: 1764
For: ALKYLAROMATICS PRODUCTION)

AMENDMENT UNDER 37 CFR 1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

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In response to the Examiner's rejection mailed March 8, 2002, please
amend the claims as follows and consider the ensuing remarks below.

IN THE CLAIMS:

Please cancel claims 2 and 15 without prejudice and substitute the existing
claims 1, 10, and 19 with the following amended claims 1, 10, and 19:

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1. (Twice Amended) A process for producing a monoalkylated aromatic compound comprising the step of contacting a polyalkylated aromatic compound with an alkylatable aromatic compound under at least partial liquid phase conditions and in the presence of a transalkylation catalyst to produce a monoalkylated aromatic compound, wherein the transalkylation catalyst comprises a mixture of at least:

- (i) a first crystalline molecular sieve having a X-ray diffraction pattern including d-spacing maxima at 12.4 ± 0.25 , 6.9 ± 0.15 , 3.57 ± 0.07 and 3.42 ± 0.07 Angstrom; and
- (ii) a second crystalline molecular sieve different from the first molecular sieve and selected from zeolite beta and mordenite.